EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	199	((726/21) or (726/30)).CCLS.	USPAT	OR	OFF	2006/05/02 14:25
L2	380	(713/182).CCLS.	USPAT	OR	OFF	2006/05/02 14:46
L6	333	((705/66) or (235/382.5)).CCLS.	USPAT	OR	OFF	2006/05/02 15:12
L7	22	6 and (@pd > "20050811")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 15:14
L8	2	validity with security near2 function and nonvolatile adj memory	US-PGPUB	OR	ON	2006/05/02 15:15
L9	0	(validity with security near2 function and nonvolatile adj memory).clm.	US-PGPUB	OR	ON	2006/05/02 15:15
L10	0	(validity with security near2 function).clm.	US-PGPUB	OR	ON	2006/05/02 15:15
L11	8	(validity and security near2 function).clm.	US-PGPUB	OR	ON	2006/05/02 15:16
S1	212	(235/382.5).CCLS.	USPAT; USOCR	OR	OFF	2005/03/25 13:16
S2	61	(705/66).CCLS.	USPAT; USOCR	OR	OFF	2004/02/27 13:00
S3	27	((235/382.5).CCLS.) and (ic)	USPAT	OR	OFF	2004/02/27 13:40
S4	43	watanabe-takafumi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/02/27 13:42

EAST Search History

| S5 | 98 | (("4803351") or ("5497418") or ("4847803") or ("5845069") or ("6003113") or ("6012143") or ("6036088") or ("6148404") or ("6158004") or ("6220510") or ("6220510") or ("4851654") or ("4877945") or ("4887234") or ("4930129") or ("5185798") or ("5261003") or ("5309516") or ("5319765") or ("5365045") or ("5401950") or ("5402385") or ("5408082") or ("5422473") or ("5461220") or ("5488661") or ("5644781") or ("5671394") or ("5682027") or ("5737571") or ("5754762") or ("5758121") or ("5901303") or ("5917168") or ("5978479") or ("6003134") or ("6018581") or ("6091817") or ("6095412") or ("6144743") or ("6145739") or ("6161184") or ("6240517") or ("6268879") or ("6378774") or ("6669487") or ("5941987") or ("6061449") or ("6061449") or ("6089460") or ("6292830") or ("6516415") or ("6640007") or ("4924451") or ("4868376") or ("6182217") or ("4629871") or ("4882752") or ("4910775") or ("5263147") or ("5361062") or ("5844218") or ("5903721") or ("5937068") or ("5982899") or ("6000832") or ("6098171") or ("6111951") or ("6199752") or ("6199762") or ("3627993") or ("RE30773") or ("4314352") or ("4370550") or ("4390968") or ("4558175") or ("4612413") or ("4755940") or ("4777377") or ("4795893") or ("4819202") or ("4821240") or ("4907270") or ("4920518") or ("4965827") or ("4974208") or ("5006698") or ("5016274") or ("5201000") or ("5202930") or ("5235415") or ("5247578") or ("5260551") or ("5265033") or ("5293577") or ("5301234") or ("5341421") or ("5343530") or ("5383115") or ("5428683")).PN. | USPAT; USOCR | OR | OFF | 2004/02/27 13:55 |
| S6 | 8779 | (ic (smart adj card)) and (issue issued) and (initial initialized initialize) | USPAT | OR | OFF | 2004/02/27 16:44 |

S7	6	(ic (smart adj card)) and (issue issued).ti. and (initial initialized initialize)	USPAT	OR	OFF	2004/02/27 17:47
S8	1	"5862402".URPN.	USPAT	OR	OFF	2004/02/27 16:47
S9	10	("4186871" | "4317183" | "4367604" | "4485454" | "4855578" | "4872112" | "4947027" | "4947370" | "5010237" | "5293029").PN.	USPAT	OR	OFF	2004/02/27 16:48
S10	654	(ic (smart adj card)) and (issue issued) and (initial initialized initialize) and ((validity valid) adj data)	USPAT	OR	OFF	2004/02/27 17:47
S11	2	(ic (smart adj card)) and ((issue issued) same (initial initialized initialize) same ((validity valid) adj data))	USPAT	OR	OFF	2004/02/27 17:48
S12	68	(ic (smart adj card)) and (((issue issued) same (initial initialized initialize)) and ((validity valid) adj data))	USPAT	OR	OFF	2004/02/27 17:49
S13	301	((smart adj card) ic).ti. and (modify modifying update updating issue issuing load loading).ti.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/02/27 17:51
S14	17	("4879747" | "5007089" | "5120939" | "5313639" | "5343529" | "5446266" | "5461217" | "5508691" | "5537474" | "5544246" | "5623637" | "5635695" | "5644354" | "5668875" | "5671283" | "5719560" | "5900606").PN.	USPAT	OR	OFF	2004/02/27 17:53
S15	9	(smart adj card).ti. and ((initial initialize update) same (status))	USPAT	OR	OFF	2004/02/28 16:12
S16	1	("5862402").PN.	USPAT; USOCR	OR	OFF	2004/02/29 12:36
S17	5	(("5862402") or ("4800520") or ("5959276") or ("4874935") or ("5473690")).PN.	USPAT; USOCR	OR	OFF	2004/02/29 12:36
S18	61	iijima-yasuo.in.	USPAT	OR	OFF	2004/03/04 18:26
S19	63	iijima-yasuo.in.	US-PGPUB; USPAT	OR	OFF	2004/03/04 19:30
S20	8	("4734568" | "4985615" | "5097118" | "5226155" | "5384454" | "5410690" | "5473690" | "5517014").PN.	USPAT	OR	OFF	2004/03/04 18:58

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S21	1	("5365045").PN.	USPAT; USOCR	OR	OFF	2004/03/04 19:30
S22	1	"4845717".PN.	USPAT	OR	OFF	2004/03/04 19:40
S23	1	("5365045").PN.	USPAT; USOCR	OR	OFF	2004/03/05 11:27
S24	2	"61" and justifiability	USPAT	OR	OFF	2004/03/05 14:11
S25	18516	kabushiki-kaisha-toshiba.asn.	USPAT	OR	OFF	2004/03/05 14:11
S26	36	kabushiki-kaisha-toshiba.asn. and ("ic card" and issue)	USPAT	OR	OFF	2004/03/05 14:12
S27	5	(("5365045") or ("5517014") or ("4839792") or ("5929428") or ("5729717")).PN.	USPAT; USOCR	OR	OFF	2004/03/05 14:58
S28	2	mayer-albrecht.in.	USPAT	OR	OFF	2004/03/05 14:58
S29	30	mayer-albrecht.in.	US-PGPUB; USPAT; EPO	OR	OFF	2004/03/05 14:58
S30	1420	(713/200).CCLS.	USPAT; USOCR	OR	OFF	2004/08/20 13:42
S31	541	((713/200).CCLS.) and command	USPAT	OR	OFF	2004/08/20 13:42
S32	14	((713/200).CCLS.) and (command adj message)	USPAT	OR	OFF	2004/08/20 13:42
S33	7	"5365045"	USPAT	OR	OFF	2004/11/04 17:26
S34	1	("5365045").PN.	USPAT	OR	OFF	2004/11/04 17:26
S35	1	("5912969").PN.	USPAT; USOCR	OR	OFF	2005/03/22 15:21
S36	3	(("6834348") or ("6167136") or ("5636278")).PN.	USPAT	OR	OFF	2005/03/22 15:22
S37	306	((235/382.5) or (705/66)).CCLS.	USPAT; USOCR	OR	OFF	2005/03/25 13:17
S38	31	S37 and (@pd > "20040229")	USPAT	OR	OFF	2005/03/25 13:17
S39	1588	(713/200).CCLS.	USPAT	OR	OFF	2005/03/25 13:21
S40	167	S39 and (@pd > "20040819")	USPAT	OR	OFF	2005/03/25 13:21
S41	65	S39 and (@pd > "20040819") and (valid validity)	USPAT	OR	OFF	2005/03/25 13:22
S42	6	S39 and (@pd > "20040819") and (security adj function)	USPAT	OR	OFF	2005/03/25 13:22
S43	243	(235/382.5).CCLS.	USPAT	OR	OFF	2005/08/11 12:19
S44	1987	((235/382.5) or (705/66) or (713/200)).CCLS.	USPAT	OR	OFF	2005/08/11 12:19

EAST Search History

S45	98	S44 and (@pd > "20050325")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 12:19

5/2/06

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1   Distributed file systems: concepts and examples   ▩
   Eliezer Levy, Abraham Silberschatz
   December 1990 **ACM Computing Surveys (CSUR)**, Volume 22 Issue 4
   Publisher: ACM Press

   Full text available: 📄 pdf(5.33 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>, <u>review</u>

   The purpose of a distributed file system (DFS) is to allow users of physically distributed computers to share data and storage resources by using a common file system. A typical configuration for a DFS is a collection of workstations and mainframes connected by a local area network (LAN). A DFS is implemented as part of the operating system of each of the connected computers. This paper establishes a viewpoint that emphasizes the dispersed structure and decentralization of both data and con ...

2   A security architecture for fault-tolerant systems   ▩
   Michael K. Reiter, Kenneth P. Birman, Robbert van Renesse
   November 1994 **ACM Transactions on Computer Systems (TOCS)**, Volume 12 Issue 4
   Publisher: ACM Press

   Full text available: 📄 pdf(2.50 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>, <u>review</u>

   Process groups are a common abstraction for fault-tolerant computing in distributed systems. We present a security architecture that extends the process group into a security abstraction. Integral parts of this architecture are services that securely and fault tolerantly support cryptographic key distribution. Using replication only when necessary, and introducing novel replication techniques when it was necessary, we have constructed these services both to be easily defensible against atta ...

   Keywords: key distribution, multicast, process groups

3   Distributed systems - programming and management: On remote procedure call   ▩
   Patrícia Gomes Soares
   November 1992 **Proceedings of the 1992 conference of the Centre for Advanced Studies on Collaborative research - Volume 2**
   Publisher: IBM Press

   Full text available: 📄 pdf(4.52 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>

   The Remote Procedure Call (RPC) paradigm is reviewed. The concept is described, along

with the backbone structure of the mechanisms that support it. An overview of works in supporting these mechanisms is discussed. Extensions to the paradigm that have been proposed to enlarge its suitability, are studied. The main contributions of this paper are a standard view and classification of RPC mechanisms according to different perspectives, and a snapshot of the paradigm in use today and of goals for t ...

4 Logical and physical design issues for smart card databases

Cristiana Bolchini, Fabio Salice, Fabio A. Schreiber, Letizia Tanca
July 2003 **ACM Transactions on Information Systems (TOIS)**, Volume 21 Issue 3
Publisher: ACM Press

Full text available: pdf(1.12 MB)   Additional Information: full citation, abstract, references, citings, index terms

The design of very small databases for smart cards and for portable embedded systems is deeply constrained by the peculiar features of the physical medium. We propose a joint approach to the logical and physical database design phases and evaluate several data structures with respect to the performance, power consumption, and endurance parameters of read/program operations on the Flash-EEPROM storage medium.

Keywords: Design methodology, access methods, data structures, flash memory, personal information systems, smart card

5 Recovery Techniques for Database Systems

Joost S. M. Verhofstad
June 1978 **ACM Computing Surveys (CSUR)**, Volume 10 Issue 2
Publisher: ACM Press
Full text available: pdf(2.32 MB)   Additional Information: full citation, references, citings, index terms

6 Manageability, availability, and performance in porcupine: a highly scalable, cluster-based mail service

Yasushi Saito, Brian N. Bershad, Henry M. Levy
August 2000 **ACM Transactions on Computer Systems (TOCS)**, Volume 18 Issue 3
Publisher: ACM Press
Full text available: pdf(2.52 MB)   Additional Information: full citation, abstract, references, index terms

This paper describes the motivation, design and performance of Porcupine, a scalable mail server. The goal of Porcupine is to provide a highly available and scalable electronic mail service using a large cluster of commodity PCs. We designed Porcupine to be easy to manage by emphasizing dynamic load balancing, automatic configuration, and graceful degradation in the presence of failures. Key to the system's manageability, availability, and performance is that sessions, data, and underlying ...

Keywords: cluster, distributed systems, email, group membership protocol, load balancing, replication

7 Microprocessor applications in the nuclear industry

C. Dwayne Ethiridge
April 1980 **ACM SIGCAS Computers and Society**, Volume 10 Issue 3-4
Publisher: ACM Press
Full text available: pdf(986.50 KB)   Additional Information: full citation, abstract, references

Microprocessors in the nuclear industry, particularly at the los Al amos Scientific

Laboratory, have been and are being utilized in a wide variety of applications ranging from data acquistion and control for basic physics research to monitoring special nuclear material in long-term storage. Microprocessor systems have been developed to support weapons diagnostics measurements during undergorund weapons testing at the Nevada Test Site. Multiple single-component microcomputers are now controlling ...

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